

**EAST Search History****EAST Search History (Prior Art)**

| Ref # | Hits | Search Query   | DBs  | Default Operator | Plurals | Time Stamp          |
|-------|------|--|--|------------------|---------|---------------------|
| S1    | 967  | transfer\$4 same data<br>same block same Flash<br>\$4 near4 memory same<br>controller  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR               | ON      | 2008/08/22<br>11:27 |
| S2    | 2499 | (determin\$4 or comput<br>\$4 or generat\$4) same<br>ECC same data near4<br>block      | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR               | ON      | 2008/08/22<br>11:28 |
| S3    | 166  | stor\$4 same ECC same<br>register same switch\$5                                       | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR               | ON      | 2008/08/22<br>11:29 |
| S4    | 14   | S1 and S2 and S3   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR               | ON      | 2008/08/22<br>11:29 |
| S7    | 14   | S4 and transfer\$4 same<br>data same block   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR               | ON      | 2008/08/22<br>11:32 |
| S8    | 14   | S7 and error   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR               | ON      | 2008/08/22<br>11:32 |
| S9    | 14   | S8 and stor\$4 same<br>transfer\$4 near4 data  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR               | ON      | 2008/08/22<br>11:39 |
| S10   | 1    | controller shift data<br>block between flash<br>memory controller ECC<br>data block    | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT;<br>IBM_TDB | SAME             | ON      | 2008/08/22<br>11:52 |
| S11   | 1    | controller shift\$4 data<br>block between flash<br>memory controller ECC<br>data block | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT;<br>IBM_TDB | SAME             | ON      | 2008/08/22<br>11:53 |
| S12   | 93   | controller data block<br>between flash memory<br>controller ECC data<br>block          | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT;<br>IBM_TDB | SAME             | ON      | 2008/08/22<br>11:53 |
| S13   | 23   | ("6,906,961"<br>"6,683,817"<br>"20040221098")  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR               | ON      | 2008/08/22<br>12:23 |

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| S14 | 9      | S13 AND STOR\$4 SAME TRANSFER\$4 SAME DATA                          | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON | 2008/08/22<br>12:23 |
| S15 | 0      | S14 and control\$4 same shift\$4 same data                          | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON | 2008/08/22<br>12:41 |
| S16 | 1      | S10 and control\$4 same shift\$4 same data                          | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON | 2008/08/22<br>12:42 |
| S17 | 3      | S13 and control\$4 same shift\$4 same data                          | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON | 2008/08/22<br>12:51 |
| S18 | 4      | S13 and control\$4 same shift\$4                                    | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON | 2008/08/22<br>12:54 |
| S19 | 101559 | control\$4 same shift\$4 same data                                  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON | 2008/08/22<br>12:57 |
| S20 | 214    | S1 and S19  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON | 2008/08/22<br>12:57 |
| S21 | 24     | S20 and controller same shift\$4 same block same flash near4 memory | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON | 2008/08/22<br>12:59 |
| S22 | 2      | "6,594,792".pn.   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON | 2008/08/22<br>20:38 |
| S23 | 0      | S22 and exclusive-or  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON | 2008/08/22<br>20:38 |
| S24 | 0      | S22 and exclusive   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON | 2008/08/22<br>20:38 |
| S25 | 0      | S22 and "XOR"   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON | 2008/08/22<br>20:38 |
| S26 | 1      | S22 and function  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON | 2008/08/22<br>20:41 |

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| S27 | 5     | comput\$4 ECC performing exclusive-or function   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT;<br>IBM_TDB | SAME | ON | 2008/08/22<br>20:43 |
| S28 | 2     | "6883131".pn.  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT;<br>IBM_TDB | SAME | ON | 2008/08/22<br>20:47 |
| S29 | 28    | ECC with exclusive-or function   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT;<br>IBM_TDB | SAME | ON | 2008/08/22<br>20:48 |
| S30 | 0     | S28 and S29  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT;<br>IBM_TDB | SAME | ON | 2008/08/22<br>20:48 |
| S31 | 2     | S28 and (exclusive-or or "XOR")  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT;<br>IBM_TDB | SAME | ON | 2008/08/22<br>20:48 |
| S32 | 0     | comput\$4 same ECC same data adj bloc  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR   | ON | 2008/08/22<br>21:20 |
| S33 | 251   | comput\$4 same ECC same data adj block   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR   | ON | 2008/08/22<br>21:20 |
| S34 | 5     | S33 and stor\$4 same ECC same (register or memory) same switch\$4  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR   | ON | 2008/08/22<br>21:21 |
| S35 | 40819 | (transfer\$4 or sav\$4 or plac\$4 or add\$4) near5 data near4 block same between (flash adj memory same controller)      | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR   | ON | 2008/08/22<br>21:27 |
| S36 | 80    | (transfer\$4 or sav\$4 or plac\$4 or add\$4) near5 data near4 block same between same (flash adj memory same controller) | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR   | ON | 2008/08/22<br>21:27 |
| S37 | 63    | comput\$4 near5 ECC same transfer\$4 near5 data  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR   | ON | 2008/08/22<br>21:28 |
| S38 | 1     | S36 and S37  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR   | ON | 2008/08/22<br>21:28 |

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| S39 | 3596   | ECC same transfer\$4<br>near5 data  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON | 2008/08/22<br>21:30 |
| S40 | 63     | S37 and S39   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON | 2008/08/22<br>21:30 |
| S41 | 1      | stor\$4 near4 ECC same<br>plural\$4 near4 register<br>near5 switch\$4   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON | 2008/08/22<br>21:31 |
| S42 | 2      | stor\$4 near4 ECC same<br>plural\$4 near4 (register<br>or memory) near5 switch<br>\$4                                     | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON | 2008/08/22<br>21:31 |
| S43 | 28     | stor\$4 near4 ECC same<br>(register or memory)<br>near5 switch\$4   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON | 2008/08/22<br>21:32 |
| S44 | 1      | S40 and S43   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON | 2008/08/22<br>21:32 |
| S45 | 139    | stor\$4 same (error adj<br>correction adj code or<br>ECC) same (register or<br>memory) near5 switch\$4                    | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON | 2008/08/22<br>21:34 |
| S46 | 1      | S40 and S45   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON | 2008/08/22<br>21:35 |
| S47 | 455281 | stor\$4 near4 (ECC or<br>error adj correction adj<br>code) near6<br>registersame transfer\$4<br>near4 data                | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON | 2008/08/22<br>21:43 |
| S48 | 27     | stor\$4 near4 (ECC or<br>error adj correction adj<br>code) near6 register<br>same transfer\$4 near4<br>data               | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON | 2008/08/22<br>21:43 |
| S49 | 1      | stor\$4 near4 (ECC or<br>error adj correction adj<br>code) near6 register<br>same transfer\$4 near4<br>data same shift\$4 | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON | 2008/08/22<br>21:47 |
| S50 | 9      | (ECC or error adj<br>correction adj code)<br>near6 register same<br>transfer\$4 near4 data<br>same shift\$4               | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON | 2008/08/22<br>21:47 |

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| S51 | 0   | S50 and controller same shift\$4 same data      | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON | 2008/08/22<br>21:51 |
| S52 | 9   | S50 and shift\$4 same data                      | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON | 2008/08/22<br>21:57 |
| S53 | 5   | S52 and controller                              | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON | 2008/08/22<br>21:57 |
| S54 | 0   | S53 and flash                                   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON | 2008/08/22<br>21:59 |
| S55 | 1   | 2004/0221098                                    | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON | 2008/08/22<br>22:02 |
| S56 | 1   | S55 and switch                                  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON | 2008/08/22<br>22:02 |
| S57 | 3   | "20040221098"                                   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON | 2008/08/22<br>22:04 |
| S58 | 2   | S57 and EOC                                     | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON | 2008/08/22<br>22:04 |
| S59 | 2   | S58 and EOC                                     | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON | 2008/08/22<br>22:05 |
| S60 | 2   | S59 and switch\$4                               | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON | 2008/08/22<br>22:05 |
| S61 | 141 | flash near memory near controller near4 coupled | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON | 2009/01/14<br>15:29 |
| S62 | 486 | switch near controller near coupled             | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON | 2009/01/14<br>15:30 |
| S63 | 0   | S61 and S62                                     | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON | 2009/01/14<br>15:30 |

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| S64 | 0       | flash near memory near controller near4 coupled near switch                         | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON | 2009/01/14<br>15:30 |
| S65 | 0       | flash near memory near controller near coupled near switch                          | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON | 2009/01/14<br>15:31 |
| S66 | 23      | memory near controller near coupled near switch                                     | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON | 2009/01/14<br>15:31 |
| S67 | 49      | S61 and error near4 correction  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON | 2009/01/14<br>15:40 |
| S68 | 23      | S67 and switch\$4   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON | 2009/01/14<br>16:02 |
| S69 | 43      | memory near controller near (coupled or connect \$4 or attach\$4) near switch       | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON | 2009/01/14<br>16:07 |
| S70 | 8       | S69 and (EOC or error adj correction adj circuit \$4)                               | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON | 2009/01/14<br>16:08 |
| S71 | 209992  | (flash\$4 near memory)  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON | 2009/01/14<br>16:10 |
| S72 | 15810   | S71 and controller same (coupled or connect\$4) same flash near memory              | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON | 2009/01/14<br>16:11 |
| S73 | 1889974 | S72 and switch near4 (coupled or connect\$4) controller                             | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON | 2009/01/14<br>16:13 |
| S74 | 331     | S72 and switch near4 (coupled or connect\$4) near4 controller                       | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON | 2009/01/14<br>16:13 |
| S75 | 23683   | S74 and controll\$4 same shift\$4 data same flash near4 memory same controller      | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON | 2009/01/14<br>16:14 |
| S76 | 4       | S74 and controll\$4 same shift\$4 same data same flash near4 memory same controller | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON | 2009/01/14<br>16:14 |

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| S77 | 23812 | (flash and memory).ti.   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON | 2009/01/14<br>16:17 |
| S78 | 3134  | S77 and controller same<br>flash adj memory  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON | 2009/01/14<br>16:18 |
| S79 | 5     | S78 and controller same<br>shift\$4 same data same<br>flash adj memory same<br>controller same ECC | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON | 2009/01/14<br>16:19 |
| S80 | 5     | S79 and transfer\$4  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON | 2009/01/14<br>16:31 |
| S81 | 3     | S79 and transfer\$4<br>same data   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON | 2009/01/14<br>16:32 |
| S82 | 3     | S81 and shift\$4 same<br>data  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON | 2009/01/14<br>16:32 |
| S83 | 3     | S82 and block  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON | 2009/01/14<br>16:44 |
| S84 | 3     | S82 and block same<br>data   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON | 2009/01/14<br>16:45 |
| S85 | 3     | S84 and (comput\$4 or<br>calculat\$4 or determin<br>\$4) same (ECC or error<br>near4 correction)   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON | 2009/01/14<br>16:47 |
| S86 | 3     | S85 and register   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON | 2009/01/14<br>16:50 |
| S87 | 11    | "6906961"  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON | 2009/01/14<br>17:02 |
| S88 | 3     | "6906961".pn.  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON | 2009/01/14<br>17:02 |

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| S89 | 579    | (transfer\$4 or mov\$4 or transport\$4 or shift\$4) near5 (data or block or packet) near5 flash near memory near5 controller | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON | 2009/01/14<br>20:38 |
| S90 | 6      | S89 and comput\$4 near5 error adj correction near4 code  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON | 2009/01/14<br>20:39 |
| S91 | 26     | S89 and (comput\$4 or calculat\$4 or estimat\$4 or perform\$4) near5 error adj correction near4 code                         | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON | 2009/01/14<br>20:41 |
| S92 | 579    | S89 and flash near4 memory   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON | 2009/01/14<br>20:51 |
| S93 | 68     | S92 and controller near5 coupled near4 flash near4 memory  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON | 2009/01/14<br>20:51 |
| S94 | 1      | S93 and controller same shift\$4 near4 (data or block or packet) same flash near4 memory same controller                     | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON | 2009/01/14<br>20:52 |
| S95 | 1      | S93 and controller same shift\$4 near4 (data or block or packet) same flash  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON | 2009/01/14<br>20:53 |
| S96 | 105    | controller same shift\$4 near4 (data or block or packet) same flash near4 memory same controller                             | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON | 2009/01/14<br>20:53 |
| S97 | 23     | S89 and S96  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON | 2009/01/14<br>20:54 |
| S98 | 13     | S97 and switch\$4 same register  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON | 2009/01/14<br>21:16 |
| S99 | 206109 | flash adj memory   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON | 2009/01/14<br>21:20 |



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| S100 | 8      | S99 and controller same shift\$4 same data same flash same memory same (ECC or error adj correction) same register same switch\$4 | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON | 2009/01/14<br>21:22 |
| S101 | 0      | S93 and controller same shift\$4 same data same flash same memory same (ECC or error adj correction) same register same switch\$4 | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON | 2009/01/14<br>21:25 |
| S102 | 0      | S89 and controller same shift\$4 same data same flash same memory same (ECC or error adj correction) same register same switch\$4 | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON | 2009/01/14<br>21:25 |
| S103 | 1      | select\$4 same stor\$4 same ECC same plural\$4 near4 register same switch\$4  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON | 2009/01/14<br>21:26 |
| S104 | 3      | stor\$4 same ECC same plural\$4 near4 register same switch\$4   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON | 2009/01/14<br>21:27 |
| S105 | 139461 | controller same shift\$4 data same flash near4 memory same controller sane (ECC or error adj correction adj code)                 | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON | 2009/01/14<br>21:31 |
| S106 | 47248  | controller same shift\$4 near5 data same flash near4 memory same controller sane (ECC or error adj correction adj code)           | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON | 2009/01/14<br>21:31 |
| S107 | 3      | controller same shift\$4 near5 data same flash near4 memory same controller same (ECC or error adj correction adj code)           | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON | 2009/01/14<br>21:31 |
| S108 | 205    | (stor\$4 or sav\$4) same (ECC or error adj correction adj code) same register same switch\$4                                      | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON | 2009/01/14<br>21:36 |
| S109 | 130512 | S108 and memory coupl \$4 near4 controller  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON | 2009/01/14<br>21:37 |

|      |        |   |  |    |    |                     |
|------|--------|---|--|----|----|---------------------|
| S110 | 15     | S108 and memory same<br>coupl\$4 near4 controller   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON | 2009/01/14<br>21:37 |
| S111 | 0      | stor\$4 near4 (error adj<br>correction adj code or<br>ECC) near4 plural\$4<br>near3 register near8<br>using near2 register  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON | 2009/01/14<br>21:45 |
| S112 | 3      | stor\$4 near4 (error adj<br>correction adj code or<br>ECC) near4 plural\$4<br>near3 register near8<br>register              | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON | 2009/01/14<br>21:46 |
| S113 | 13     | controller same shift\$4<br>near4 (data or block or<br>packet) same flash<br>near4 memory same<br>controller same switch\$4 | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON | 2009/01/14<br>21:47 |
| S114 | 2      | "6353553".pn.   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON | 2009/01/14<br>22:05 |
| S115 | 8      | S113 and NAND   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON | 2009/01/14<br>23:15 |
| S116 | 3      | "6,906,961".pn.   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON | 2009/01/14<br>23:23 |
| S117 | 1      | S116 and NAND   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON | 2009/01/14<br>23:23 |
| S118 | 239660 | flash adj memory  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON | 2009/09/27<br>22:45 |
| S119 | 115219 | S118 and memory near7<br>control\$4   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON | 2009/09/27<br>22:45 |
| S120 | 5443   | S119 and (transfer\$4 or<br>send\$4) near5 data<br>same flash adj memory<br>same control\$4                                 | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON | 2009/09/27<br>22:46 |
| S121 | 260    | S120 and (ECC or error<br>adj correction adj code)<br>same block same transfer<br>\$4 same data                             | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON | 2009/09/27<br>22:48 |

|      |      |   |  |    |    |                     |
|------|------|---|--|----|----|---------------------|
| S122 | 1    | S121 and stor\$4 near5 (ECC or error near4 code) same plural\$4 near4 register  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON | 2009/09/27<br>22:50 |
| S123 | 41   | S121 and stor\$4 near5 (ECC or error near4 code) same register  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON | 2009/09/27<br>22:51 |
| S124 | 16   | S121 and stor\$4 near5 (ECC or error near4 code) same register same switch\$4   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON | 2009/09/27<br>22:51 |
| S125 | 1567 | S119 and (transfer\$4 or send\$4) near5 data same flash adj memory same memory adj control \$4  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON | 2009/09/27<br>23:04 |
| S126 | 103  | S125 and (ECC or error adj correction adj code) same block same transfer \$4 same data  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON | 2009/09/27<br>23:04 |
| S127 | 51   | S125 and (comput\$4 or determin\$4 or generat \$4) same (ECC or error adj correction adj code) same block same transfer \$4 same data | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON | 2009/09/27<br>23:05 |
| S128 | 1    | S127 and stor\$4 near5 (ECC or error near4 code) same register same switch\$4   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON | 2009/09/27<br>23:05 |
| S129 | 8    | S127 and (ECC or error near4 code) same register same switch\$4   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON | 2009/09/27<br>23:06 |
| S130 | 8    | S129 and (computer or medium)   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON | 2009/09/27<br>23:18 |

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